

# PUMPS

## GD 600 AB

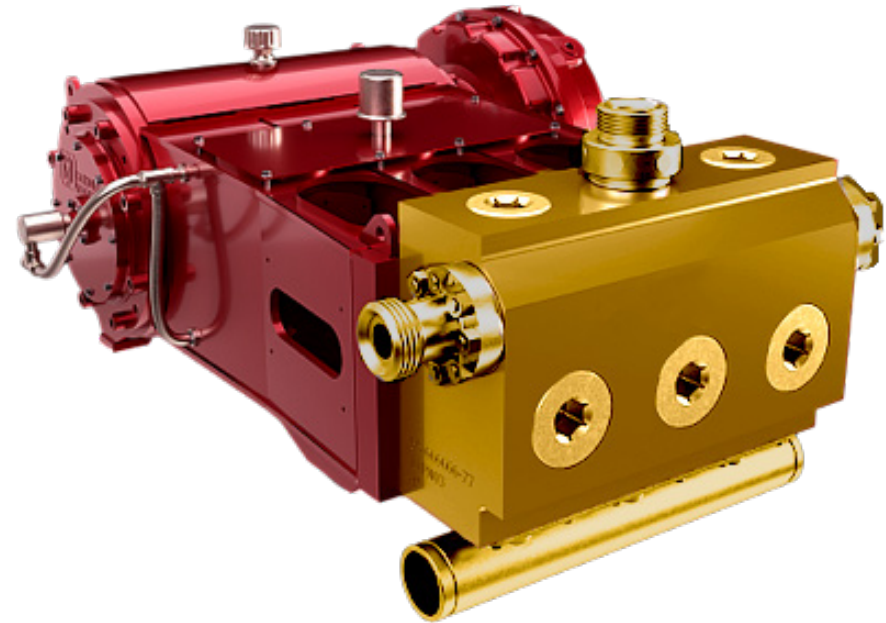
### WATER INJECTION PUMP

FOR DISPOSAL, INJECTION, & WATER-FLOOD APPLICATIONS



### SPECIFICATIONS

Maximum Input	450 BHP Industrial Duty
Maximum RPM	300 RPM
No. of Plungers	3
Stroke Length	6 in. (152 mm)
Plunger Load	75,000 lbs.
Pump Weight	5,000 lbs. (2,270 kg) average
Gear Ratio	4.68:1



PLUNGER DIAMETER		DISPLACEMENT PER REVOLUTION		DISPLACEMENT @ PUMP RPM 100				DISPLACEMENT @ PUMP RPM 200				DISPLACEMENT @ PUMP RPM 300			
in.	mm.	Gallons	Liters	GPM	LPM	PSI	kg/sq. cm	GPM	LPM	PSI	kg/sq. cm	GPM	LPM	PSI	kg/sq. cm
Nickel - Aluminum - Bronze Valve Over Valve Fluid Ends															
2.75	70	0.463	1.751	46	175	12,634	888	93	350	7503	527	139	525	5002	352
3	76	0.551	2.084	55	208	10,616	746	110	417	6305	443	165	625	4203	296
3.5	89	0.749	2.836	75	284	7,800	548	150	567	4632	326	225	851	3087	217
4	102	0.979	3.705	98	370	5,972	420	196	741	3547	249	294	1111	2364	167
4.5	114	1.239	4.689	124	469	4,718	331	248	938	2802	197	372	1407	1868	131
5	127	1.529	5.789	153	579	3,822	269	306	1158	2270	160	459	1737	1553	107

<b>INPUT POWER</b>	<b>BHP</b>	375	450	450
	<b>kw</b>	280	335	335

Ratings are based on 95% mechanical efficiency and 95% volumetric efficiency.

**SALES**

**SERVICE**

**PARTS**

**LEASING**

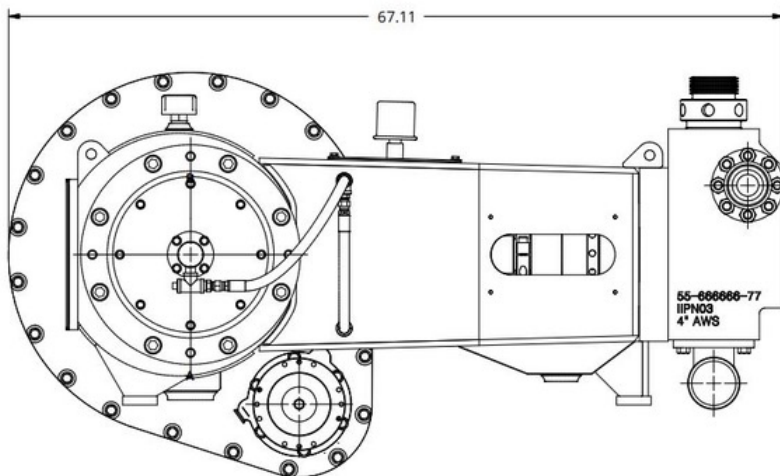
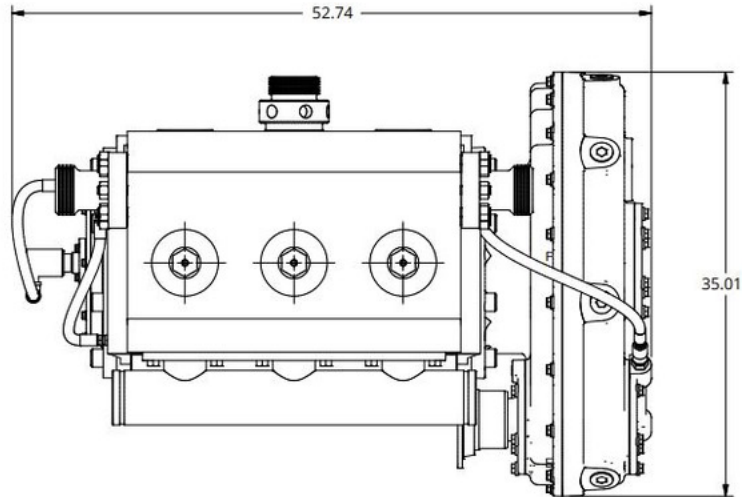
**ENGINEERING**

**PACKAGING**

# GD 600 AB

## WATER INJECTION PUMP

### SPECIFICATIONS



### STANDARD FEATURES

- Fabricated steel frame
- Left or right gearbox mounting
- Crankshaft type construction
- Pressurized lubrication system
- Stainless plate valves
- Colmony coated stainless plungers
- Plunger sizes from 2.75 to 5 inches
- Discharge connections (WECO or Flanged) on both sides
- Series 1810 input hub
- Suction manifold with flanged connections on both sides
- Non-adjustable or spring-loaded high performance packing
- Pony rods with clamp connections to plungers

### OPTIONAL FEATURES

- Pump tools and pullers
- Pulsation dampeners
- Packing lubrication system
- Center discharge connection
- Relief valve and pressure guage
- Stroke counter & flow totalizer
- Lube oil reservoir, pump, filter and cooler

### MATERIALS OF CONSTRUCTION

- Welded steel frame (A541/T-1)
- Forged crankshaft of (A4330) steel, drilled for oil lubrication
- Hardened helical gears of (A41130)
- Cast iron gear housing
- Babbitt coated bronze bearing halves
- Cylindrical roller main bearings
- Drilled modular iron connecting rods
- Nickel Aluminum Bronze (945) cast fluid cylinder
- Ni-Al-Br stuffing boxes cast of (C955)
- Stainless steel fabricated suction manifold (6")
- Ni-Al-Br retainer covers and discharge connections
- Ductile Iron (A536) crossheads with tapered pins
- Bronze crosshead guides/slides (SAE841)

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**GD 600 AB**



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